Index of Claims



Application/Control No.

10/656,519

Examiner

Phung T. Nguyen

Applicant(s)/Patent under Reexamination

JOHNSON ET AL.

Art Unit

2632

| √ | Rejected |
|---|----------|
| ı | Allowed  |

- (Through numeral)
Cancelled
+ Restricted

Non-Elected
I Interference

A Appeal
O Objected

|          |            |          |                 |              |                 | _               |         |                 |       |          |          |          |          |          |          |                         |         |       |      |       |            |                 |              |         |         |              |          |              |               |
|----------|------------|----------|-----------------|--------------|-----------------|-----------------|---------|-----------------|-------|----------|----------|----------|----------|----------|----------|-------------------------|---------|-------|------|-------|------------|-----------------|--------------|---------|---------|--------------|----------|--------------|---------------|
| Cla      | Claim Date |          |                 |              | Claim Date      |                 |         |                 |       |          |          | CI       | aim      | Date     |          |                         |         |       |      |       |            |                 |              |         |         |              |          |              |               |
| Final    | Original   | 10/3/05  |                 |              |                 |                 |         |                 |       | Final    | Original |          |          |          |          |                         |         |       |      | Final | Original   |                 |              |         |         |              |          |              |               |
| $\vdash$ | 1          | √        |                 | T            | П               |                 | $\top$  |                 | ı     |          | 51       |          | +        |          |          | $\top$                  | 1       | Н     | ı    |       | 101        |                 | $\neg$       | 十       | +       | $\top$       | 1        |              |               |
|          | 2          | 1        |                 | $\dagger$    | $\vdash$        |                 | $\top$  |                 | ı     |          | 52       |          | 1        |          |          | $\top$                  | 1       | П     | ľ    |       | 102        | $\dashv$        | $\dashv$     | $\top$  | +       | ╅            | $\top$   |              |               |
|          | 3          | 1        |                 | 1            |                 |                 |         |                 |       |          | 53       |          | $\top$   |          |          | $\top$                  | T       |       |      |       | 103        |                 |              | $\top$  | 十       | 十            | T        |              |               |
|          | 4          | √        |                 |              |                 |                 |         |                 |       |          | 54       |          |          |          |          |                         |         |       |      |       | 104        |                 |              | $\top$  | 1       | 1            | T        |              |               |
|          | 5          | 0        |                 | T            |                 |                 |         |                 |       |          | 55       |          |          |          |          |                         |         |       |      |       | 105        |                 |              |         |         | $\top$       |          |              |               |
|          | 6          | 0        |                 |              |                 |                 |         |                 |       |          | 56       |          |          |          |          |                         |         |       |      |       | 106        |                 |              |         |         |              |          |              |               |
|          | 7          | 0        |                 | $\perp$      | Ш               | Ш               |         |                 |       |          | 57       |          |          |          |          |                         |         |       |      |       | 107        |                 |              |         | $\perp$ |              |          |              |               |
|          | 8          | 0        |                 | _            | $\sqcup$        |                 |         |                 | 1     |          | 58       |          |          |          |          | $\perp$                 | $\perp$ | Ш     |      |       | 108        |                 |              |         |         |              |          |              |               |
|          | 9          | 1        | $\sqcup \bot$   | $\downarrow$ | Ш               | Ц.              |         |                 |       | 1        | 59       |          | 4_       |          |          |                         | _       | Ш     |      |       | 109        |                 |              |         | _       | $\perp$      |          | <u></u>      |               |
|          | 10         | 1        |                 | _            | 1-1             |                 |         | Ш               |       | $\perp$  | 60       | _        |          |          | _        | _ _                     |         |       |      |       | 110        |                 |              | _       | _       | $\perp$      | _        | _            |               |
| ļ        | 11         | 1        | <del>   </del>  | ╄            | $\sqcup$        | $\sqcup \bot$   |         | Щ               | 1     |          | 61       | _        | 4        |          | _        | _ _                     | _       | Ш     |      |       | 111        | Щ               | _            | 4       | 1       | 4            | ـــــ    | <u></u>      |               |
| <u> </u> | 12         | 1        | $\vdash \vdash$ | ╄            | $\vdash$        | $\vdash \vdash$ | 4       | <b>  </b>       |       |          | 62       | -        |          | Ш        | $\sqcup$ | $\perp$                 | +       | Ш     |      |       | 112        | $\sqcup$        | _            | _       | _       | $\bot$       | $\perp$  | 1_           | _             |
| <u> </u> | 13         | 1        | - -             | +            | $\vdash \vdash$ | -               | -       |                 | -     |          | 63       | _        | +        | Ш        | _        | +                       | +       | Ш     |      |       | 113        |                 |              | +       | 4       | +            | $\perp$  | 1            | <u> </u>      |
|          | 14         | 1        |                 | +            | -               |                 |         |                 |       |          | 64       | _        | -        | Н        |          | +                       | -       | Ш     | ŀ    |       | 114        | _               |              | +       | 4       | +            | 4        |              | _             |
| -        | 15         | $\vdash$ | $\vdash \vdash$ | ╄            | $\vdash$        |                 |         |                 | -     |          | 65       | -        | +        | $\vdash$ | $\dashv$ | +                       | +       | H     |      |       | 115        | $\vdash \vdash$ | -            | +       | +       | +            | +        | <u> </u>     | <u> </u>      |
|          | 16<br>17   | _        |                 | ┿            | +               | ┝               |         | -               | 1     |          | 66<br>67 | +        | +        | Н        |          | +                       | +       | H     |      |       | 116        |                 |              | +       | +       | ╬            | ╀        | -            | -             |
|          |            |          | $\vdash$        | +            | $\vdash$        |                 | +       | H               | 1     |          |          |          |          | -        |          |                         |         | H     |      |       | 117        | $\dashv$        | +            | +       | +       | +            | ╁        | <b> </b> -   | ┝             |
|          | 18<br>19   |          | $\vdash$        | ╁            | ╁╼┧             |                 |         | $\square$       | ╟     |          | 68<br>69 | -        | +        | H        |          | +                       | +       | H     | ŀ    |       | 118        | $\vdash$        | +            | +       | +       | +            | +        |              | $\vdash$      |
|          | 20         |          | +               | +            | $\vdash$        | $\vdash$        |         |                 | ⊪     |          | 70       | -        | +        | Н        |          | +                       | +       | H     | H    |       | 119<br>120 |                 | -            | +       | +       | +            | ┿        | -            | _             |
| <u> </u> | 21         | -        | $\vdash$        | ╁            | $\vdash$        | $\vdash$        | -       | H               | ⊪     |          | 71       |          | +-       | $\vdash$ | -        | +                       | ┿       | H     | ⊪    |       | 121        | $\dashv$        | -            | +       | +-      | +-           |          | -            |               |
|          | 22         | _        |                 | +            | +               | $\vdash$        | +       | H               | ⊪     | -        | 72       |          | ┥-       | ╁╌       |          |                         |         | H     | H    |       | 122        | $\vdash$        | $\dashv$     | +       | +-      | +-           | +        | -            |               |
|          | 23         | -        | <del>-  </del>  | ╁            | ╁╌┤             | ┝┼              | +       | H               | ŀ     | $\dashv$ | 73       | +        | +        | Н        |          | +                       | +-      | -     | ŀ    |       | 123        | H               | $\dashv$     | +       | ╫       | +            | +        | ┢            |               |
|          | 24         | -        | <del>-  -</del> | ╁            | ╁               | -               | +       | H               | ⊪     |          | 74       | -        | +        | H        |          | +                       | ╅╴      | H     | H    |       | 124        | $\vdash$        | $\dashv$     | +       | +       | +            | +        | -            |               |
|          | 25         | _        |                 | ╁            | +               | $\vdash$        |         | H               | ⊪     |          | 75       | +        | +        | ┢        | $\dashv$ | +                       | +       | H     |      |       | 125        | $\vdash$        | $\dashv$     | +       | +       | ╫            | +        |              | _             |
|          | 26         |          | $\vdash$        | +            | +               | $\vdash$        | +-      | H               | ⊪     |          | 76       | $\dashv$ | +        | H        | $\dashv$ | +                       | +       | Н     |      |       | 126        | $\vdash$        | <del>-</del> | +       | ┰       | ╁            | ╁        | $\vdash$     |               |
|          | 27         |          |                 | ╁            |                 | $\vdash$        | $\neg$  |                 | ıŀ    |          | 77       | $\dashv$ | $\top$   | Н        | $\dashv$ | $\top$                  | +-      | Н     | ł    | _     | 127        |                 | _            | +       | +       | +            | +        | $\vdash$     |               |
|          | 28         |          |                 | 1            | 1               |                 |         | H               | ii t  |          | 78       | +        | +-       | Н        |          | $\dashv$                | +       | Н     | ŀ    |       | 128        |                 |              | ╅       | ╅       | ╁            | +-       |              | -             |
|          | 29         | -        |                 | 1            | $\Box$          |                 | +       |                 | iii†  |          | 79       | $\neg$   | $\top$   | H        |          | $\top$                  | 1       | H     |      |       | 129        | _               |              | 十       | +       | ╁            | +        | $\vdash$     |               |
|          | 30         |          |                 | T            | $\Box$          | $\sqcap$        |         |                 | ı     |          | 80       | T        | 1        | H        |          | $\top$                  | 1 -     |       | Ì    |       | 130        |                 | $\dashv$     | $\top$  | +       | +            | +        | $\vdash$     |               |
|          | 31         |          |                 | T            | $\Box$          |                 |         |                 | ı     |          | 81       | $\dashv$ | 1        |          |          | $\top$                  | 1       |       |      | -     | 131        |                 |              | 十       | 十       | †            | 1        |              | $\overline{}$ |
|          | 32         |          |                 | Ť            |                 | $\Box$          |         |                 |       |          | 82       |          |          |          |          | $\dashv$                |         |       |      |       | 132        |                 |              | 1       | $\top$  | $\top$       | 1        |              |               |
|          | 33         |          |                 | T            | П               | П               |         |                 |       |          | 83       |          |          |          |          | $\neg$                  |         |       |      |       | 133        |                 |              | 7       | 7       | 1            |          |              |               |
|          | 34         |          |                 |              |                 |                 |         |                 |       |          | 84       |          | $\perp$  |          |          | T                       |         |       |      |       | 134        |                 |              |         | Ι       |              |          |              |               |
|          | 35         |          |                 |              |                 |                 |         |                 |       |          | 85       |          |          |          |          | $oldsymbol{\mathbb{T}}$ |         |       |      |       | 135        |                 |              | I       |         | $oxed{\int}$ |          |              |               |
|          | 36         |          |                 |              |                 |                 |         |                 |       |          | 86       |          |          |          |          |                         |         |       |      |       | 136        |                 |              |         |         | Ι            |          |              |               |
|          | 37         |          |                 |              | П               |                 |         |                 |       |          | 87       | _[_      |          |          |          |                         |         |       | [    |       | 137        |                 |              |         | Ι       | $\perp$      |          |              |               |
|          | 38         | Ш        |                 |              | Ш               |                 | $\perp$ | Щ               |       |          | 88       |          | <u> </u> | Ш        |          | $\Box$                  |         |       |      |       | 138        |                 | $\Box \Box$  |         |         | $\perp$      |          | 匚            |               |
|          | 39         | _        |                 | 1_           | $\sqcup$        | $\sqcup \bot$   |         | Щ               |       |          | 89       | $\perp$  |          | Ш        | $\perp$  | $\perp$                 | $\bot$  | Ш     |      |       | 139        | Ш               |              | $\perp$ | 1       | $\perp$      | 1        |              | L             |
|          | 40         |          |                 | _            | $\sqcup$        | oxdot           |         | Щ               |       |          | 90       | $\perp$  |          | Ш        | $\perp$  | $\perp$                 | _       | Ш     |      |       | 140        | Ш               |              | $\perp$ | $\perp$ | 1            | _        | $oxed{oxed}$ | L             |
|          | 41         | _        |                 | $\perp$      | $\sqcup$        | oxdot           | $\perp$ | Щ               | ::: - |          | 91       | $\perp$  | 1        | Ш        | _        | $\bot$                  |         | Ш     |      |       | 141        | $\Box$          | $\perp$      | $\perp$ | $\perp$ | 4            | 1        | <u> </u>     | L             |
|          | 42         |          |                 | ┿            | $\sqcup$        | $\vdash$        | $\bot$  | Щ               | ijļ.  | _        | 92       |          | -        | Ш        | _        | $\bot$                  | 4       | Ш     |      |       | 142        | $\Box$          | $\perp$      | $\bot$  | $\perp$ | $\bot$       | $\perp$  | <u> </u>     | _             |
|          | 43         | Щ        | $\vdash \vdash$ | -            | $\sqcup$        | $\vdash$        | +       |                 |       |          | 93       | -        |          | Н        | _        | $\perp$                 | -       | Ш     |      |       | 143        | $\sqcup$        | _            | 4       | 1       | _            | -        | <u> </u>     | L.            |
|          | 44         | Н        |                 | +-           | $\vdash$        |                 | +-      | $\square$       | -     |          | 94       | -        | +        | $\vdash$ | -        | -                       | -       | Н     |      |       | 144        | $\sqcup$        | +            | +       | +       | $\perp$      | $\vdash$ |              | <u> </u>      |
|          | 45         | $\vdash$ | -               | ╀            | $\vdash \vdash$ | $\vdash$        |         | $\vdash \dashv$ | -     | -        | 95       | +        | +-       | Н        | $\dashv$ | +                       |         | Н     | 1    |       | 145        |                 | _            | +       | +       | +            | +        | $\vdash$     | _             |
|          | 46<br>47   | Н        | -               | +-           | $\vdash \vdash$ |                 | +       |                 | ŀ     | -        | 96<br>97 | +        | +-       | $\vdash$ | -        | +                       | +       | H     |      |       | 146        | -               | +            | +       | +       | +            | +        | ├-           | _             |
|          | 47         | $\dashv$ |                 | ╁            | $\vdash$        | $\vdash$        | +       | -+              | ⊪     |          | 98       | +        | +-       | $\vdash$ | $\dashv$ |                         | +       | H     | ij.  |       | 147        | $\dashv$        | +            | +       | +       | +            | +        | -            | <u> </u>      |
|          | 49         | $\vdash$ |                 | ╁            | $\vdash$        |                 | +-      | H               | ŀ     |          | 99       |          | +        | $\vdash$ | $\dashv$ | +                       | +       | H     | #    |       | 148        | -               |              | +       | +       | +            | +        | $\vdash$     | $\vdash$      |
|          | 50         | $\vdash$ | $\vdash$        | +            | $\vdash$        | $\vdash\vdash$  | +       | $\vdash\dashv$  | ŀ     |          | 100      | $\dashv$ | +        | $\vdash$ | $\dashv$ | - -                     | +       | H     | ŀ    | -     | 149<br>150 |                 | +            | ╁       | ╁       | ╁            | +        | H            | -             |
|          | 2          |          |                 | 1            | 1 1             |                 | 1 1     | L J::           | .::   | - 1      | 1001     | 1        |          |          |          |                         |         | i 1:: | :::: |       | 130        | . I             | - 1          |         | - 1     |              | 1        |              |               |